

## Teniposide

Cat. No. CEI-0365

Lot. No. (See product label)

### Introduction

**Description** Teniposide is a chemotherapeutic medication mainly used in the treatment of childhood acute lymphocytic leukemia (ALL). It is in a class of drugs known as podophyllotoxin derivatives and slows the growth of cancer cells in the body. Teniposide causes dose-dependent single- and double-stranded breaks in DNA and DNA-protein cross-links. The mechanism of action appears to be related to the inhibition of type II topoisomerase activity since teniposide does not intercalate into DNA or bind strongly to DNA.

**Synonyms** Vumon

### Product Information

**CAS No.** 29767-20-2

**Molecular Formula** C<sub>32</sub>H<sub>32</sub>O<sub>13</sub>S

**Molecular Weight** 656.65

**Purity** >99%

**Targets** Topoisomerase II

**Solubility** DMSO 40 mg/mL, Water

### Storage and Shipping Information

**Storage** 2 years at -20 centigrade